

# Q-STAIN® X AUTOSTAINER



The Novodiox Q-Stain® X Autostainer is a simple small autostainer system for rapid immunohistochemistry (IHC) testing with ihcDirect®. This flexible system can perform frozen tissue, H&E, and FFPE tissue testing. This system, along with its accompanying DewaxAR antigen retrieval device help Q-STAIN® X fit neatly into nearly any histology or Mohs laboratory setting.

## Features:

- Easy to operate graphical user interface
- 10 barcoded antibody reagent spaces
- 10 position slide wheel
- 6 bulk reagent positions
- Efficient slide chamber design minimizes reagent usage
- Adjustable temperature setting



<b>System Throughput by Mode</b>	<ul style="list-style-type: none"> <li>• Frozen tissues: 10-20 minutes of staining time depending upon antibody protocol and number of slides performed</li> <li>• FFPE tissues: 40-45 minutes of instrument staining time and up to 1 hour with DewaxAR heat induced epitope retrieval (HIER)</li> <li>• H&amp;E: Approximately 6-8 minutes</li> </ul>
<b>System Capabilities</b>	<ul style="list-style-type: none"> <li>• 10 active reagents, includes up to 7 barcoded antibodies and 3 other reagents such as IHC blocker, chromogen and the IHC enhancer</li> <li>• 10 position slide wheel</li> <li>• 6 bulk reagent containers: 2 x 1L bottles and 4 x 500mL bottles</li> </ul>
<b>Slide Chambers</b>	<ul style="list-style-type: none"> <li>• Plastic consumable manages reagent dispense and washing protocols while minimizing reagent usage</li> </ul>
<b>Antibody Reagent Cartridge</b>	<ul style="list-style-type: none"> <li>• 20 - 40 uses per cartridge (4mL capacity with approximately 100uL per dispense)</li> </ul>
<b>Reagent Dispense Methods</b>	<ul style="list-style-type: none"> <li>• Active reagents in barcoded cartridges are dispensed in slide chambers via gravity actuator and bulk reagents via pumps</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Adjustable from room temperature to 30°C</li> </ul>
<b>Separate Waste Bottles</b>	<ul style="list-style-type: none"> <li>• Hazardous waste separated from non-hazardous waste</li> </ul>
<b>GUI Display</b>	<ul style="list-style-type: none"> <li>• LCD touchscreen running Android operating system</li> </ul>
<b>Environment Parameters</b>	
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Humidity &lt;80%</li> </ul>
<b>Pipetting Precision</b>	<ul style="list-style-type: none"> <li>• 10% - designed dispense volume to be a minimum of 80uL</li> </ul>
<b>Voltage / Frequency</b>	<ul style="list-style-type: none"> <li>• 100-240V / 50-60Hz switchable</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 34cm (w) x 51cm (h) x 46cm (d)</li> </ul>

Avantik is a valued partner and distributor for Novodiya Mohs products in the United States.

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